Creative Enzymes®

Dipeptide Diaminobutyroyl Benzylamide Diacetate

Cat. No. CECP-003

Lot. No. (See product label)

Introduction

Description	A peptide that mimics the activity of the snake venom toxin Waglerin-1. It acts on the postsynaptic membrane as a reversible antagonist of the muscle nicotinic acetylcholine receptor (nmAChR). The peptide binds to the ε-subunit of nmAChR, blocking the binding of acetylcholine to the receptor. This ultimately leads to receptor closure. In the closed state, sodium ions cannot flow in, preventing depolarization, thereby blocking nerve excitation transmission and causing muscle relaxation.
Applications	Particularly suitable for inclusion in medical aesthetics and instant wrinkle-removal anti-aging care products.

Product Information

Appearance	Clarified clear liquid
Form	Liquid
CAS No.	823202-99-9
pH Stability	4.7-6.7

Usage and Packaging

Package	1kg/bottle

Storage and Shipping Information

Storage	Keep sealed, shaded and cool.